

101.7 - Tool Steels (chip form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Elemental Composition (mass fraction in %)

SRM Description	Unit of Issue	Arsenic (As)	Carbon (C)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Manganese (Mn)	Molybdenum (Mo)	Nickel (Ni)	Nitrogen (N)	Phosphorus (P)	S (Comb)	Silicon (Si)	Sulfur (S)
50c Tungsten-Chromium-Vanadium Steel	150 g	0.0225	<i>0.7193</i>	4.128	(0.035)	0.0792	0.3417	0.0821	0.0686	0.0117	0.0222		0.3102	0.006367
132b Tool Steel (AISI M2)	150 g		0.864	4.38	0.029	0.088	0.341	4.90	0.230		0.012	0.004	0.185	
134a Molybdenum-Tungsten-Chromium-Vanadium Steel	150 g		0.808	3.67		0.101	0.218	8.35	0.088		0.018	0.007	0.323	0.007 (Grav)

- Certified values are normal font
- Reference values are italicized
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Tin (Sn)	Tungsten (W)
0.0183	18.445
	6.28
	2.00

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